

**ATTACHMENT 3**

Standard Metric Sizes

Design engineers should show on the plans standard metric sizes for CIDH concrete piling. The actual auger used for the work may be an existing imperial size:

Size Shown on Plans	Actual Imperial Tool Used
350 mm	14"
400 mm	16"
450 mm	18"
600 mm	24"
750 mm	30"
1.0 m	42"
1.2 m	48"
1.5 m	60"
1.8 m	72"
2.1 m	84"
2.4 m	96"
3.0 m	120"
3.6 m	144"
4.0 m	156"

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Design engineers should show on the plans the industry's standard sizes for pipe piles, casings, and shells:

Size Shown on Plans	Equivalent Imperial Size
PP360 x 4.55	NPS 14 x 0.179
PP 360 x 6.35	NPS 14 x 0.250
PP 360 x 9.53	NPS 14 x 0.375
PP 360 x 11.12	NPS 14 x 0.438
PP 406 x 12.70	NPS 16 x 0.500
PP 460 x T	NPS 18 x T"
PP 508 x T	NPS 20 x T"
PP 559 x T	NPS 22 x T"
PP 610 x T	NPS 24 x T"
PP 660 x T	NPS 26 x T"
PP 711 x T	NPS 28 x T"
PP 762 x T	NPS 30 x T"
PP 813 x T	NPS 32 x T"
PP 864 x T	NPS 34 x T"
PP 914 x T	NPS 36 x T"
PP 965 x T	NPS 38 x T"
PP 1016 x T	NPS 40 x T"
PP 1067 x T	NPS 42 x T"
PP 1118 x T	NPS 44 x T"
PP 1219 x T	NPS 48 x T"
PP 1524 x T	NPS 60 x T"

The NPS diameter is the outside diameter of the pipe. The thickness in mm (T) should be an exact conversion of one of the standard imperial thicknesses in inches (T"). Pile diameters greater than 1524 mm are nonstandard and any combination of metric diameter and thickness can be fabricated.